

CLAIMS

What is claimed is:

1. A method for automatically ordering replacement of consumable parts of a system, comprising the steps of:
 - monitoring at least one parameter for a part of said system;
 - comparing said parameter to at least one replacement criterion for said part;
 - automatically generating a user notification when a comparison of said parameter to said at least one replacement criterion indicates that a replacement part should be ordered;
 - and,
 - responsive to at least one action selected from the group consisting of a user input and an automatic system control, automatically communicating an order to a replacement part order center for a replacement for said part.
2. The method according to claim 1 wherein said communicating step is further comprised of communicating to said replacement part order center at least one of a billing address, a billing account, a shipping address, and a part identification code.

1 3. The method according to claim 1 wherein said
2 communication step is further comprised of transmitting said
3 order to said replacement part order center through at least
4 one of a global computer network, a cable television network,
5 a wireless link, and a dial-up telephone line.

1 4. The method according to claim 1 wherein said parameter
2 for said part is selected from the group comprising a duration
of operation, an output level, an input level, an operating
temperature, a number of on-off cycles, an oxidation level, a
corrosion level, a decomposition level, and a material
elasticity level.

5. The method according to claim 1 wherein said parameter
for said part is an output level for a light source.

1 6. The method according to claim 1 wherein said system is a
2 projection display and said part is a light source.

1 7. The method of claim 1 wherein said replacement part order
2 center is a computer server.

1 8. A method for automatically ordering replacement of
2 consumable parts of an appliance, comprising the steps of:
3 monitoring at least one parameter for a part of said
4 appliance;

comparing said parameter to at least one replacement
criterion for said part;
automatically generating a user notification on a display
when a comparison of said parameter to said at least one
replacement criterion indicates that a replacement part should
be ordered;

responsive to at least one action selected from the group
consisting of a user input and an automatic system control,
presenting an order menu on said display, said order menu
comprising at least one replacement part order option; and,

responsive to at least one action selected from the group
consisting of a user input and an automatic system control,
automatically communicating an order to a replacement part
order center for a replacement for said part.

9. A system for automatically ordering replacement of
consumable parts of a system, comprising:

part monitoring means for monitoring at least one
parameter for a part of said system;

comparator means for comparing said parameter to at least
one replacement criterion for said part;

notification means for automatically generating a user
notification when a comparison of said parameter to said at
least one replacement criterion indicates that a replacement
part should be ordered; and,

order processing means responsive to at least one action
selected from the group consisting of a user input and an

13 automatic system control, for automatically communicating an
 14 order to a replacement part order center for a replacement for
 15 said part.

1 10. The system according to claim 9 wherein said order
 2 processing means communicates to said replacement part order
 3 center at least one of a billing address, a billing account, a
 4 shipping address, and a part identification code.

11. The system according to claim 9 wherein said order
 processing means transmits said order to said replacement part
 order center through at least one of a global computer
 network, a cable television network, a wireless link, and a
 dial-up telephone line.

1 12. The system according to claim 9 wherein said
 2 parameter for said part is selected from the group comprising
 3 a duration of operation, an output level, an input level, an
 4 operating temperature, a number of on-off cycles, an oxidation
 5 level, a corrosion level, a decomposition level, and a
 6 material elasticity level.

1 13. The system according to claim 9 wherein said parameter
 2 for said part is an output level for a light source.

1 14. The system according to claim 9 wherein said system
2 is a projection display and said part is a light source.

1 15. The system according to claim 9 wherein said replacement
2 part order center is a computer server.

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